

METHOD AND APPARATUS FOR TRANSMITTING SIGNALS IN A COMMUNICATION SYSTEM**Publication number:** JP2001512921 (T)**Publication date:** 2001-08-28**Inventor(s):****Applicant(s):****Classification:**

- international: **H04L27/30; H04B7/06; H04B7/10; H04B7/26; H04B15/00; H04J11/00; H04Q7/36; H04L27/26; H04B7/02; H04B7/04; H04B7/26; H04B15/00; H04J11/00; H04Q7/36;** (IPC1-7): H04Q7/36; H04B7/06; H04B7/10; H04B7/26; H04L27/30

- European: H04J11/00; H04B7/06C2D; H04B7/06C3

Application number: JP20000505701T 19980714**Priority number(s):** US19970904204 19970731; WO1998US14560 19980714**Also published as:**

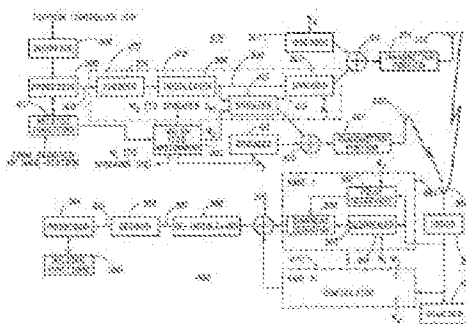
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EP1228590 (A1)
EP1228590 (A4)

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Abstract not available for JP 2001512921 (T)

Abstract of corresponding document: **WO 9907090 (A1)**

Different orthogonal codes (W_x , W_y) are used to spread common pilot channels (PilotA) intended for transmission to a particular mobile station (106) within a coverage area (sector A) to implement forward link transmit diversity. By implementing separate, different orthogonal codes (W_x , W_y) for each pilot channel (PilotA), the pilot signals transmitted via antennas (218, 222) to a common coverage area (sector A) are orthogonal to one another and thus do not degrade system performance. Additionally, the use of different orthogonal codes (W_x , W_y) for each pilot channel (PilotA) allows the mobile station (106) to discern which pilot channel spread with a different orthogonal code includes corresponding traffic channel (TCH) information. This allows forward link transmit diversity to be enabled/disabled based on conditions associated with the environment, the communications channel, etc. without a complete loss of information as seen by the mobile station (106).

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